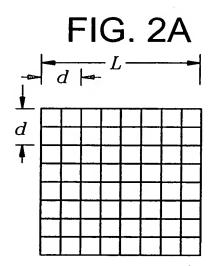


A thin flexible bundle of cables makes a 90-degree turn to exit the pad housing parallel to the planar phased array transducer so that the pad can be easily attached

to the head of a trauma victim or surgical patient.



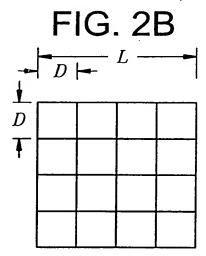
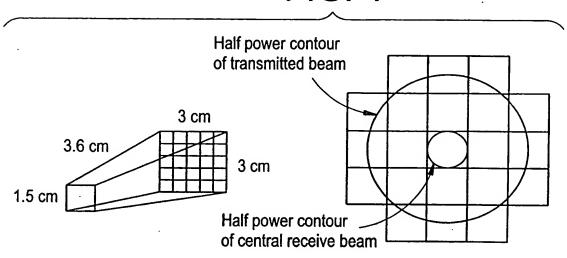
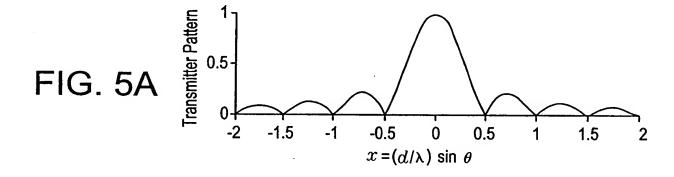
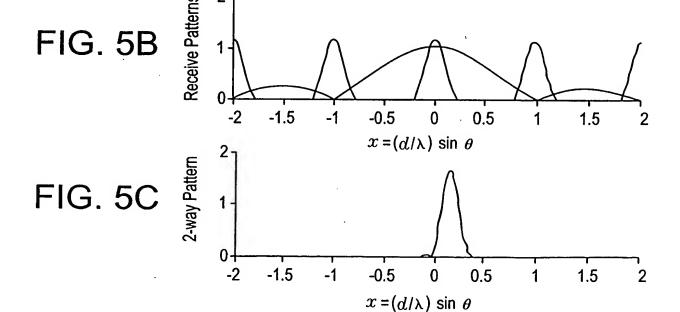


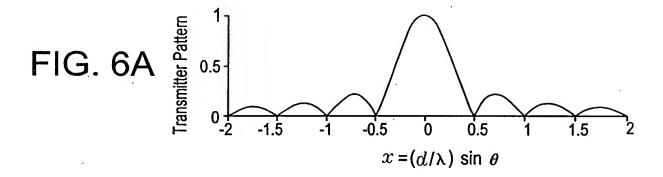
FIG. 3 Color Video Monitor **TCD Array** Desk-top PC **SHARC** 32 Transmit-Processor Video 64 Miniature Receive Mainboard ==== Port Coax Cables **Electronics** 16 MB RAM **丰32 基32** 上32 PCI bus k 32 **-32 System Memory Pentium** 1 Gbyte

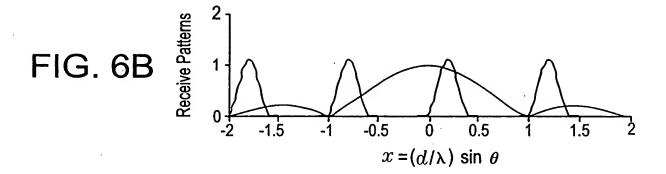
FIG. 4











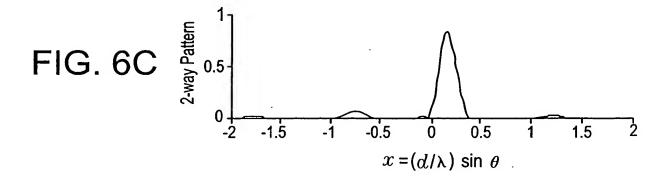
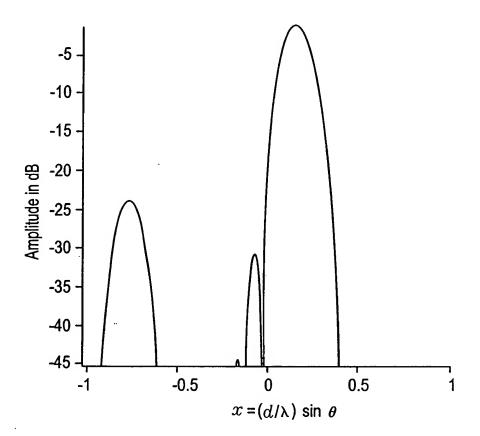
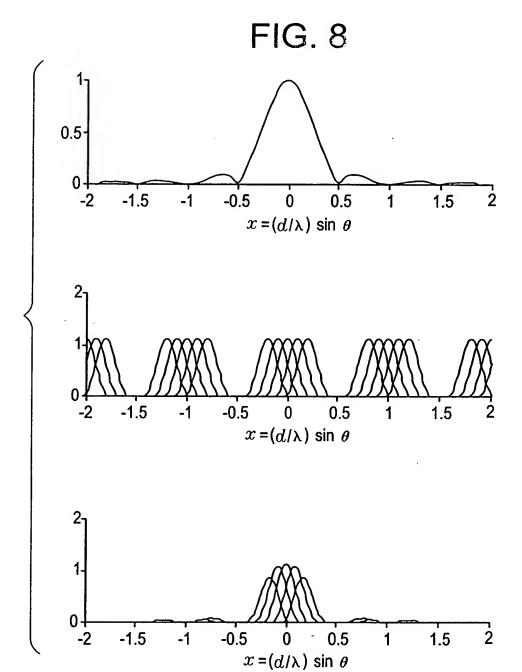
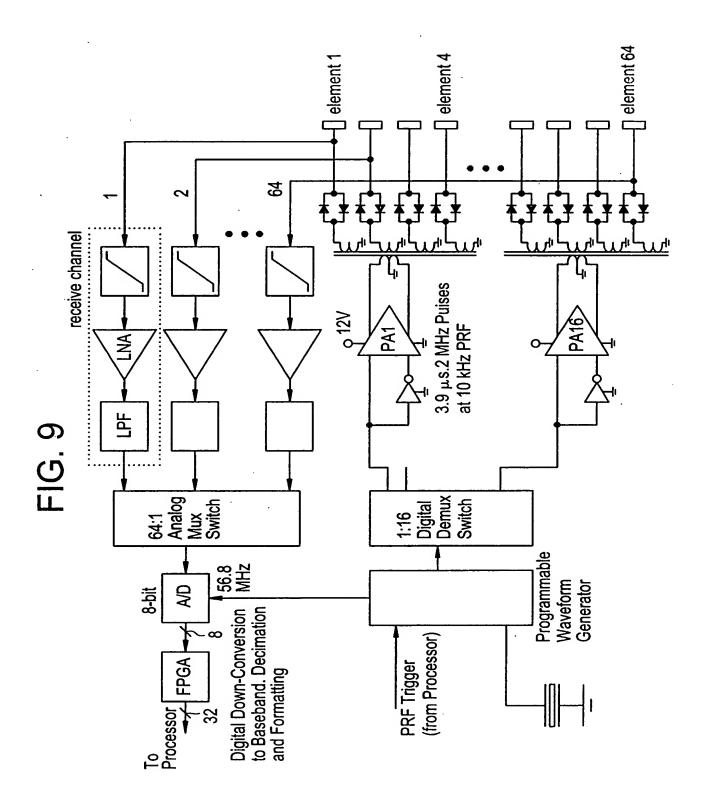


FIG. 7







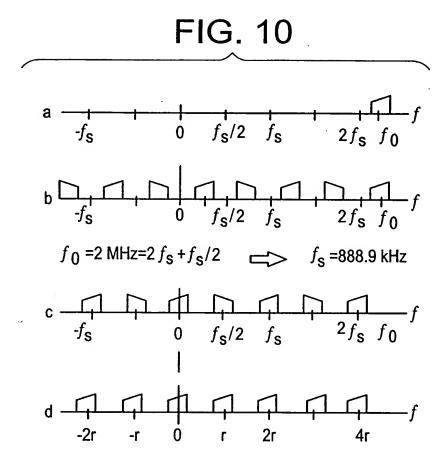


FIG. 11

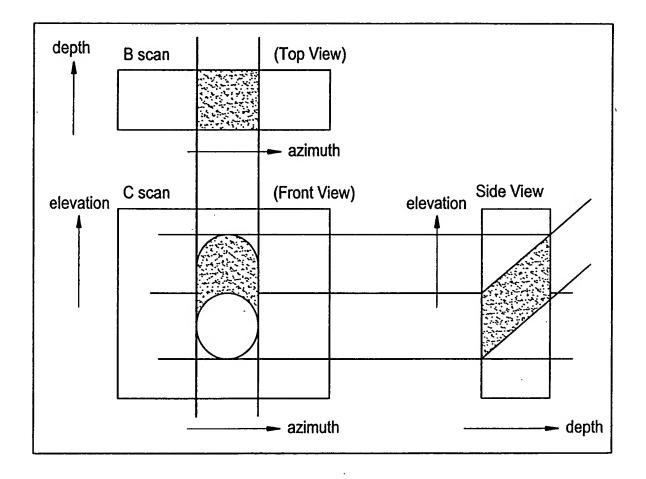
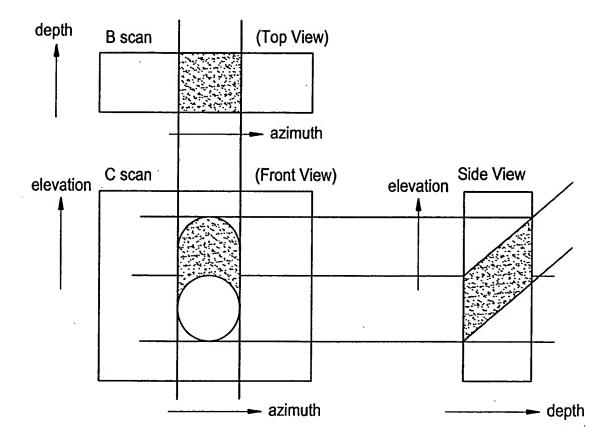
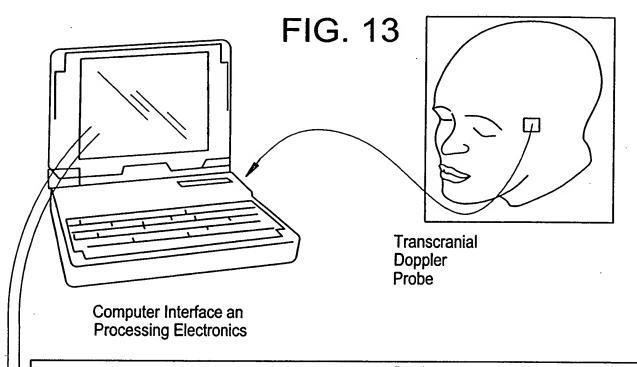
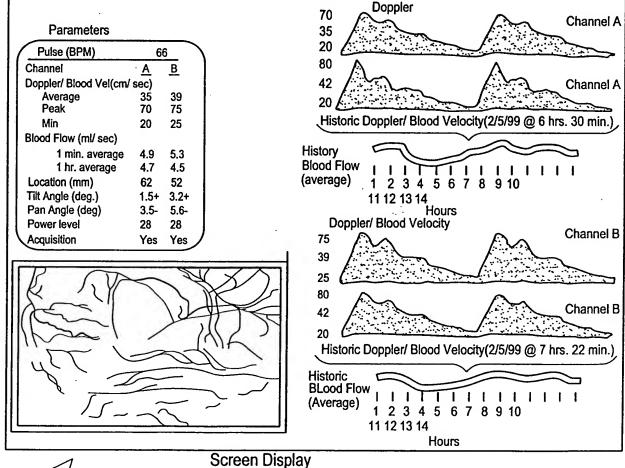


FIG. 12

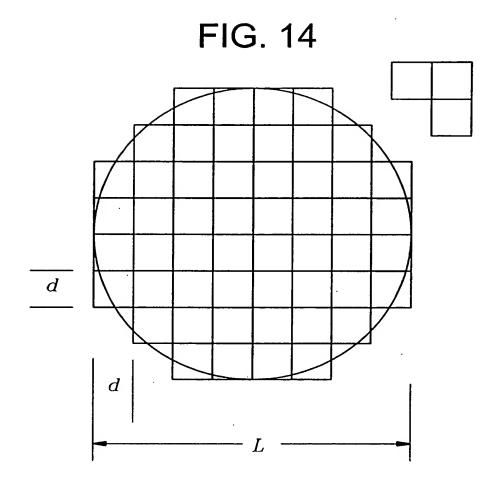






A thin flexible bundle of cables makes a 90-degree turn to exit the pad housing parallel to the planar phased array transducer so that the pad can be easily attached

to the head of a trauma victim or surgical patient.



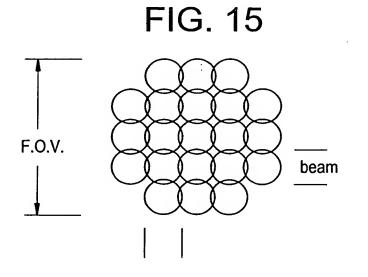


FIG. 16

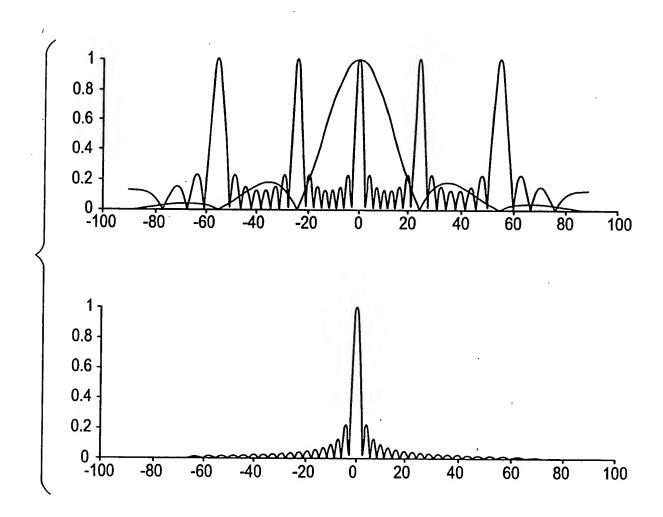
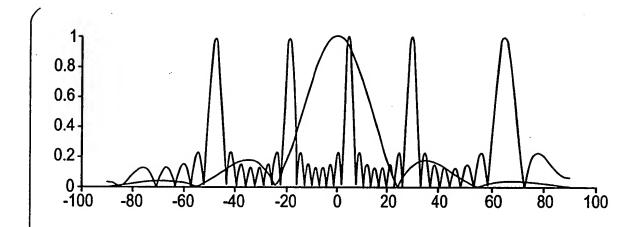


FIG. 17



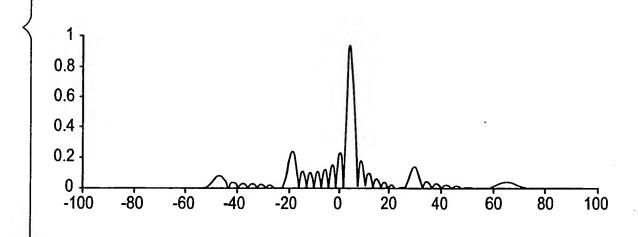
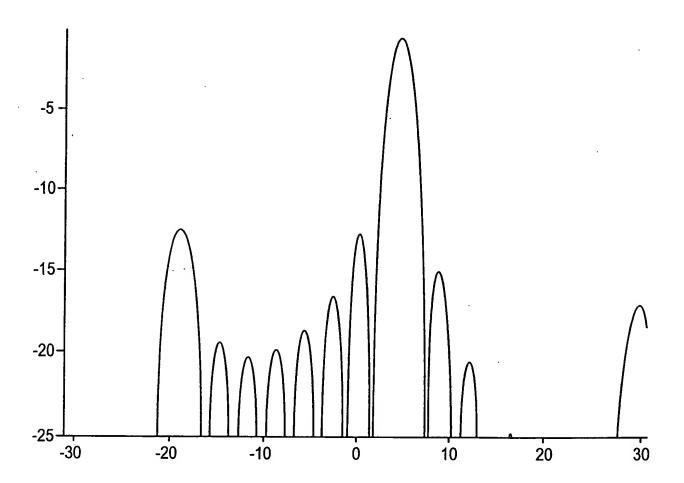


FIG. 18



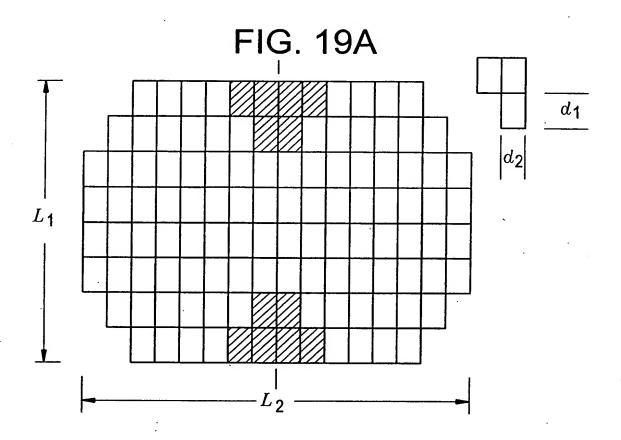


FIG. 19B

FIG. 20

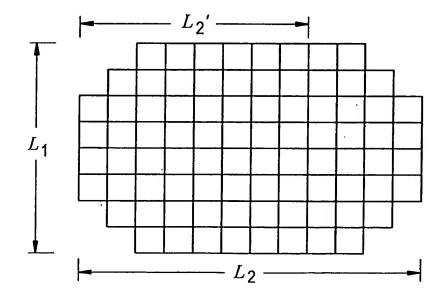


FIG. 21

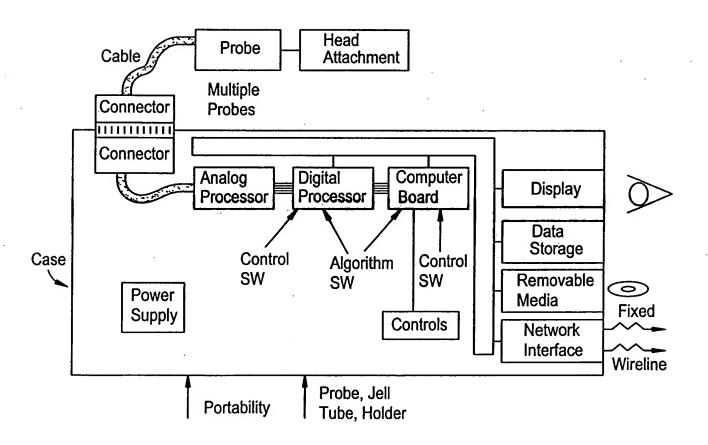


FIG. 22

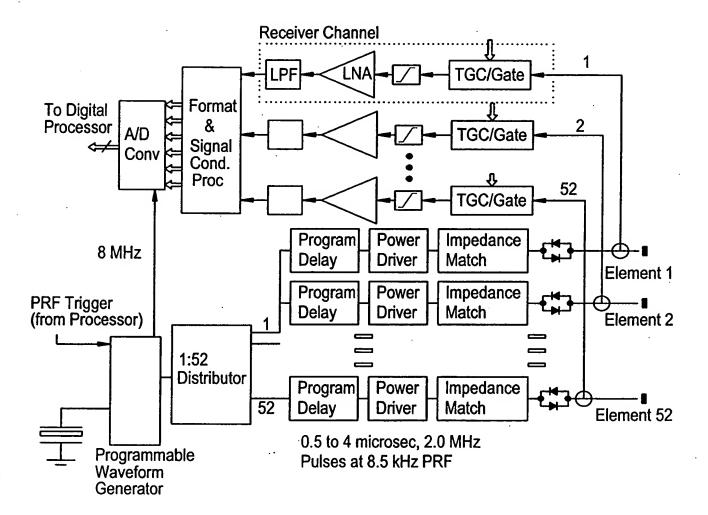
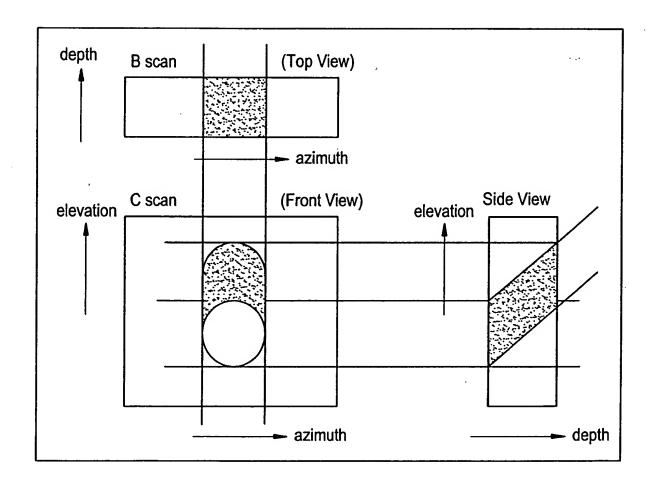
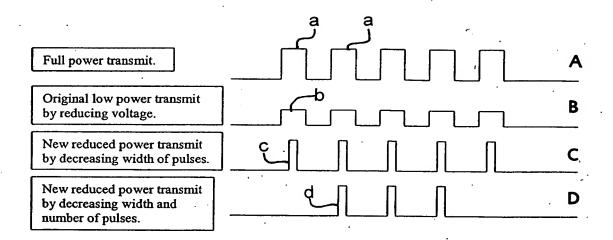


FIG. 23





FIG, 24

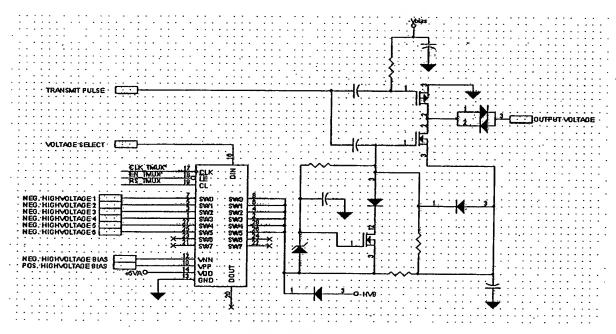


FIG. 25

Acoustic Beam Shaping by Pulse Powe: Modulation at Constant Amplitude William Ackerman

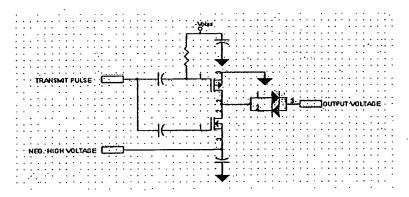


FIG. 26